

## INTERNATIONAL SEARCH REPORT

 Internat Application No  
 PCT/DK 00398

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07K14/00 A23C9/12 C12N9/50 C12N9/62 C12N15/57  
 C12N5/10 //G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07K A23C C12N G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, EMBASE, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 800 849 A (HELDT-HANSEN HANS PETER ET AL) 1 September 1998 (1998-09-01) column 2, line 57 - line 67 column 3, line 1 - line 20 ---	1-21
X	WO 02 02597 A (MAXYGEN APS ;MAXYGEN HOLDINGS LTD (US)) 10 January 2002 (2002-01-10) claims 1-57 ---	1-21
Y	MICHAEL WARD ET AL: "Improved production of chymosin in aspergillus by expression as a glucoamylase-chymosin fusion" BIO/TECHNOLOGY, vol. 8, May 1990 (1990-05), pages 435-440, XP002254354 Discussion, page 439, first column --- -/--	1-21

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

12 September 2003

Date of mailing of the international search report

02 OCT 2003

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SAGT C M ET AL: "Introduction of an N-glycosylation site increases secretion of heterologous proteins in yeasts." APPLIED AND ENVIRONMENTAL MICROBIOLOGY. UNITED STATES NOV 2000, vol. 66, no. 11, November 2000 (2000-11), pages 4940-4944, XP002254355 ISSN: 0099-2240 Discussion	1-21
P,A	--- CARDOZA R E ET AL: "Expression of a synthetic copy of the bovine chymosin gene in Aspergillus awamori from constitutive and pH-regulated promoters and secretion using two different pre-pro sequences." BIOTECHNOLOGY AND BIOENGINEERING. UNITED STATES 5 AUG 2003, vol. 83, no. 3, 5 August 2003 (2003-08-05), pages 249-259, XP002254356 ISSN: 0006-3592 figures 1-5	1-21
A	--- WALLIS G L ET AL: "Glucoamylase overexpression and secretion in Aspergillus niger: analysis of glycosylation." BIOCHIMICA ET BIOPHYSICA ACTA. NETHERLANDS 16 NOV 1999, vol. 1472, no. 3, 16 November 1999 (1999-11-16), pages 576-586, XP002254357 ISSN: 0006-3002 3.4-N-Glycosylation	1-21
A	--- EP 0 123 928 A (CODON GENETIC ENG LAB) 7 November 1984 (1984-11-07) claims 1-15	16-21
A	--- WO 01 14571 A (BOOTHE JOSEPH ; SHEN YIN (CA); KEON RICHARD GLENN (CA); ROOIJEN GJ) 1 March 2001 (2001-03-01) Genbank CAC34680 100% Identity with SEQ ID No 1	16-21
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BERKA R M ET AL: "The development of <i>Aspergillus niger</i> var. <i>awamori</i> as a host for the expression and secretion of heterologous gene products."</p> <p>BIOCHEMICAL SOCIETY TRANSACTIONS. ENGLAND AUG 1991, vol. 19, no. 3, August 1991 (1991-08), pages 681-685, XP002254358</p> <p>ISSN: 0300-5127</p> <p>page 1991 first column</p> <p>-----</p>	1-21

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

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PCT/D/00398

Information on patent family members

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